

## OBITUARY.

The Council regret that they have to record the loss by death of the Society's gracious Patron Her late Majesty Queen Victoria and of the following Fellows and Associates during the past year :—

Fellows :—Rev. J. Chadwick Bates.  
 E. E. Bowen.  
 \*John Brett.  
 Rev. R. Crowe.  
 Major-Gen. A. W. Drayson.  
 J. P. Hartree.  
 Lord Inverclyde.  
 S. Wellesley Johnson.  
 William Lethbridge.  
 †D. L. Lowson.  
 Charles Meldrum.  
 John Parnell.  
 Sir Cuthbert E. Peek.  
 B. Woodd Smith.  
 Associates :—H. A. Rowland.  
 T. H. Safford.  
 Wilhelm Schur.

J. CHADWICK BATES was born on the 17th of June 1826 at Oldham. He was educated at Manchester Grammar School and Queen's College, Oxford. He was ordained by the Bishop of Manchester in 1850. From 1851 to 1856 he had a curacy at Hull, and for the last 43 years his life was closely interwoven with the history of the village of Castleton, of which he was vicar. His first interests were in the welfare of his church, schools, and the public affairs of his parish. When he went to Castleton it was a small village, and he was appointed curate in charge of a small mission chapel by the Vicar of Rochdale. He soon started a movement towards building a church, and by 1862 St. Martin's Church had been built at a cost of 3,000*l.* During the 43 years Mr. Bates was Vicar of Castleton no less than 16,000*l.* was raised for parochial objects.

\* Although Mr. Brett died subsequently to December 31, 1901, an account of his life is given in this year's Report.

† Removed from List as deceased, his name having been in the List of Fellows without address for eighteen years.

Mr. Bates took a deep interest in several branches of science, particularly astronomy, meteorology, and geology. He had a well-equipped meteorological station in the vicarage garden and kept a careful record of the rainfall, temperature, &c. He was a Fellow of the Geological Society as well as of the Royal Astronomical Society, to which he was elected on the 13th of November 1863. Mr. Bates possessed considerable mechanical skill, and constructed almost entirely with his own hand the dome over his equatorial. He built a room for his transit instrument himself, and he also carved parts of the stonework of the church.

Mr. Bates married a Miss Jackson, of Hull, who died in 1874. They had one son and four daughters. He died on the 14th of December 1901, at St. Martin's Vicarage after a short illness.

EDWARD ERNEST BOWEN was born in 1836, being the second son of the Rev. Christopher Bowen, sometime Vicar of St. Thomas's, Winchester; his elder brother was the late Lord Bowen, the well-known Judge. Edward Bowen went up from King's College, London, to Trinity College, Cambridge, in 1854; he was a Bell Scholar for 1855. In 1858 he was fourth in the Classical Tripos, and shortly afterwards obtained a Fellowship at Trinity. He left Cambridge soon after to become a master at Harrow, where the rest of his life was spent unreservedly and whole-heartedly for the welfare of the school and in the service of his pupils. His brilliant intellect, sound judgment, and unlimited kindness made him an ideal schoolmaster.

Many who have never seen him have been charmed by his school songs. "Forty Years On" has long been classical, and is known far beyond the bounds of Harrow.

A typical Bowenite institution at Harrow was "astronomy." Every boy in his house had to attend two courses of lectures before he left—one astronomy, the other the history of a war—but both were called by the boys "astronomy." Each Christmas term, for one evening in every week, the astronomers (roughly speaking, the middle-sized boys of the house) were gathered in his drawing room, and, if it was astronomy proper, he explained the courses of the heavens by aid of a little round table that was the Sun, a cricket-ball that was the Moon, putting them through their various motions in the centre of the room. Sometimes he himself actively personified the Moon or some other heavenly body, while the boys sat round critically spectatorial. The boys had no function but to look on, but evil waited on him who did not understand and remember.

Mr. Bowen died on the 8th of April at Moux, in the Côte-d'Or, France, while on a bicycling tour. He was to all appearance in perfect health, but fell while mounting his machine and never recovered consciousness.

He was elected a Fellow of the Astronomical Society on the 8th of February 1867.